

## عنوان مقاله:

Computational Study Absorption of Mercaptopurine in Generation G3 and G5 PAMAM Dendrimers

## محل انتشار:

کنفرانس بین المللی یافته های نوین پژوهشی در شیمی و مهندسی شیمی (سال: 1394)

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## خلاصه مقاله:

Due to its unique properties of dendrimers as well as with high-level groups, a special ability to carry drugs. In this study compared the interaction between the two generations of poly (amidoamine) PAMAM (G3 and G5) dendrimers and the drug 6-mercaptopurine (6-MP) and the drug entrapment within the structure of dendrimers the electrostatic and covalent complexation of drugs to the dendrimer surface have been studied. The use of drug-dendrimer complex enhanced drug solubility and bioavailability of the drug.

## کلمات کلیدی:

PAMAM, dendrimer, 6-mercaptopurine, bioavailability

## لینک ثابت مقاله در پایگاه سیویلیکا:

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